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In The Claims:

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A pre-crash sensing and countermeasure 1. (Currently Amended) deployment control system for an automotive vehicle coupled to a countermeasure system having an external airbag system, said pre-crash sensing system and countermeasure deployment comprising:

an object classifier generating an object classification signal; and a controller coupled to said object classifier for varying an activation level inflation rate of the external airbag in response to said object classification signal.

- A system as recited in claim 1 wherein the 2. (Currently Amended) object sensor comprises a radar or lidar unit generating an object distance signal and object relative velocity signal and a vision system generating an object classification signal, said controller generating [[an]] the external airbag activation control signal in response to an object distance signal, an object relative velocity signal and an object classification signal.
- A system as recited in clalm 2 wherein said object 3. (Original) classification comprises classifying collision objects into pedestrian and non-pedestrian objects.
- 4. (Original) A system as recited in claim 2 wherein said object classification comprises object sizes including object area and object height.
- 5. (Original) A system as recited in claim 2 further comprising a vehicle speed sensor generating a longitudinal speed signal corresponding to the longitudinal speed of the vehicle; wherein said controller activates said external airbag in response to the longitudinal speed signal.
- 6. (Original) A system as recited in claim 2 further comprising a decision zone; wherein said radar or lidar sensor generates an object distance and relative velocity signals from an object within said decision zone and said vision sensor confirms the presence of the object within the said decision zone.

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- A system as recited in claim 1 wherein 7. (Currently Amended) varying the activation level rate comprises varying the level activation rate from a high rate to a low rate.
- A system as recited in claim [[1]] 7 wherein 8. (Currently Amended) the low rate corresponds to an object classification of a pedestrian.
- A system as recited in claim [[1]] 7 wherein 9. (Currently Amended) the high rate corresponds to an object classification of a second vehicle.
- 10. (Original) A system as recited in claim 1 wherein the external airbag system comprises a bumper bag.
- 11. (Original) A system as recited in claim 1 wherein the external airbag system comprises a grill bag.
- 12. (Original) A system as recited in claim 1 wherein the external airbag system comprises a bumper bag and a grill bag.
- A method for operating a pre-crash sensing 13. (Currently Amended) and countermeasure deployment control system for an automotive vehicle having an external airbag system, said method comprising:

establishing a decision zone relative to the vehicle;

detecting an object within the decision zone;

classifying the object into an object classification;

determining an external airbag activation inflation rate corresponding to the object classification; and

activating the external airbag system at the activation inflation rate.

- A method as recited in claim 13 wherein 14. (Currently Amended). determining comprises choosing between a low activation inflation rate and a high inflation activation rate.
 - A method as recited in claim 13 wherein the 15. (Currently Amended)

low activation inflation rate corresponds to a pedestrian classification.

- 16. (Currently Amended) A method as recited in claim 13 wherein the high activation inflation rate corresponds to a vehicle classification.
- 17. (Currently Amended) A method as recited in claim 13 wherein activating the external airbag system at the activation inflation rate comprises activating a grill airbag.
- 18. (Currently Amended) A method as recited in claim 13 wherein activating the external airbag system at the activation inflation rate comprises activating a bumper airbag.
- 19. (Currently Amended) A method for operating a pre-crash sensing and countermeasure deployment control system for an automotive vehicle having an external airbag system, said method comprising:

detecting an object;

classifying the object;

when the object is a pedestrian, activating an external airbag of the external airbag system at a first <u>inflation</u> rate;

when the object is a second vehicle, activating the external airbag system at a second <u>inflation</u> rate greater than the first <u>inflation</u> rate.

20. (Original) A method as recited in claim 19 wherein the second rate corresponds to object size.